

# DELAWARE

## Science and Engineering Profile

	Delaware	U.S.	Rank		Delaware	U.S.	Rank
Doctoral scientists, 1993	3,466	430,332	34	Total R&D performance, 1993 (millions)	\$1,247	\$161,427	26
Doctoral engineers, 1993	686	81,293	32	Industry R&D, 1993 (millions)	\$1,181	\$117,622	20
S&E doctorates awarded, 1993	123	25,409	38	Academic R&D, 1993 (millions)	\$53	\$19,489	45
of which, in engineering	36%	22%		of which, in engineering	31%	16%	
in physical sciences	18%	15%		in life sciences	22%	55%	
in social sciences	15%	15%		in physical sciences	17%	11%	
S&E postdoctorates, 1993				Higher education current-fund			
in doctorate-granting institutions	76	34,394	40	expenditures, 1993 (millions)	\$446	\$163,994	46
S&E graduate students, 1993				Number of SBIR awards, 1990-93	40	13,995	33
in doctorate-granting institutions	1,685	438,128	41	Patents issued to state residents, 1994	440	56,039	26
Population, 1994 (000s)	706	260,341	46	Gross state product, 1992 (billions)	\$23.7	\$5,994.1	44
Civilian labor force, 1994 (000s)	384	131,013	45	of which, agriculture	1%	2%	
Personal income per capita, 1994	\$22,828	\$21,809	12	manufacturing, mining, construction	24%	23%	
Federal spending				transportation, communication, utilities	5%	9%	
Total expenditures 1994 (millions)	\$2,950	\$1,284,896	49	wholesale and retail trade	9%	16%	
R&D obligations 1993 (millions)	\$56	\$65,394	48	finance, insurance, real estate	39%	18%	
				services	13%	20%	
				government	8%	12%	

Rankings and totals are based on data for the 50 States and D.C.

## Federal Obligations for Research and Development in Delaware by Agency and Performer: Fiscal Year 1993

[Thousands of dollars]

	Total	Federal intramural	All FFRDCs	Industrial firms	Universities & colleges	Other nonprofits	State & local government	State rank
<b>Total, all agencies</b>	56,160	12,053	0	17,864	22,281	2,992	970	48
<b>Department of Agriculture</b>	4,087	1,332	0	0	2,755	0	0	49
<b>Department of Commerce</b>	5,643	3,464	0	1,110	608	0	461	20
<b>Department of Defense</b>	21,094	204	0	13,911	6,113	866	0	37
<b>Department of Energy</b>	1,509	0	0	0	1,174	335	0	47
<b>Dept. of Health &amp; Human Services</b>	4,617	0	0	399	3,176	877	165	46
<b>Department of the Interior</b>	2,826	2,657	0	0	150	0	19	51
<b>Department of Transportation</b>	6,535	4,396	0	1,814	0	0	325	22
<b>Environmental Protection Agency</b>	521	0	0	50	471	0	0	37
<b>Nat'l Aeronautics &amp; Space Admin.</b>	2,152	0	0	125	1,134	893	0	39
<b>National Science Foundation</b>	7,176	0	0	455	6,700	21	0	40
<b>State rank</b>	48	49	na	39	45	39	46	

Federal R&D obligations are as reported by funding agencies.

FFRDC = federally funded research and development center

SBIR = small business innovation research

na = not applicable

Prepared by the National Science Foundation/Division of Science Resources Studies. Data compiled from numerous sources.